

Site Details	
Site ID: 990400 Road Name: US	Mile Post: 162.60
Stream: Steamboat Cr	Tributory to: Pacific Ocean
Monitoring Inspection Details:	
Inspection Type: Post-construction	Inspection Date: 9/7/2022
Inspector(s): Ryan Barkie,Tammy Schmidt	
Post Construction Information	
Structure conforms to permits and plans? Yes	Structure Type: Bridge
Structure comments:	
Alignment/configuration conforms to permits and pl	ans? Yes
Alignment comments:	
Channel is currently along LB toe upstream and un bank.	der bridge with large, flat gravel bench on opposite
Dimension conforms to permits and plans? Yes	
Dimension comments:	
Streambed Slope (%): 0.52 Culvert shape: Culvert Shape Material Comment	Not Applicable Culvert Material: Not Applicable
Streambed channel conforms to permits and plans	?
Streambed Yes Streambed Shape Material:	e/Flow: Yes Streambed Slope: Yes
	ent to LB between Year 1 and Year 2 of construction. am after Year 1 and formed a gravel bar near the DS led 60% SBM, 20% 8" cobbles, 20% 10" cobbles.
Do other Design Features (LWM, coarse bands, ba etc) conform to permits and plans?  Additional Details:	rbs, preformed pools, Yes
Wood layout revised during construction. LWM inst Year 2 is within the low flow channel (4 single logs	alled in Year 1 mobilized downstream. LWM installed ir with root wads - unanchored).
Monitoring Parameters (all intervals):	
Streambed Material	
Has the Site experienced a bankfull event? No	
Is there streambed material throughout the Structur	e? N/A
Is there streambed material throughout the Design	Channel? Yes

at inlet (ft)

at outlet (ft)

Freeboard



Compare the streambed material throughout the structure and design channel to the common condition:	Similar
Streambed Material Comments:	
Upstream has excellent source of streambed material and the ability to recru	uit it.
Channel Flow / Shape	
Is there unusual subsurface flow compared to the common condition of the r	reach? No
Does a low-flow channel exist through the entire length of the structure and design channel:	Yes
The depth of the channel throughout the structure and the design channel compared to the common condition of the reach is:	Similar
The channel shape throughout the structure and the design channel compared to the common condition of the reach is:	Similar
Is the channel shape consistent with the design expectations?	Yes
If No or Undetermined, explain:	
Describe the channel path within the structure and the design channel:	Meandering
Does the channel contact the structure wall at any location?	N/A
If yes, the percentage of channel length in contact is:	N/A
Also, if yes, contact is:	N/A
Is there a measurable BFW inside the structure?	N/A
Bankfull Width (BFW) of the channel within the structure: (ft)	·
BFW inside the structure compared to the design channel:	N/A
BFW inside the structure compared to the common condition:	N/A
BFW of the design channel compared to the common condition is:	Similar
There is a defined channel: Through the entire project.	
Channel Additional comments:	
BFW in design channel 7.1 m (23.3'); BFW US CC 8.7 m (28.5'). Bank sloug bridge puts a couple of trees at risk. Erosion control blankets still in place or under bridge.	
Streambed Slope	
Streambed Slope (%) Upstream of the Structure: 0.58 Throughou	t the structure:
Downstream of the structure: 0.56 Overall project: 0.58	
Describe streambed slope throughout the project compared to the common condition of the reach:	Similar
Streambed Slope Compared to Reach Comments:	
Streambed Slope Comments:	



DS CC slope 1.56% (reflects regraded material from project limits); US CC slope	
Other Details	
Are there any Channel-Spanning hydraulic drops within the structure or the design channel greater than 0.50 feet?	No
If Yes, provide comments, including descriptions of any headcutting or aggrading	<b>j</b> :
Do other Design Features (LWM, coarse bands, barbs, preformed pools, etc) function as intended?	Yes
Features Comments:	
High risk of wood mobilizing downstream. Large log jam at the mouth. Additional summer 2023.	wood to be installed in
Photos taken during inspection? Yes	
Final Determination	
Is the structure Fish Passable? Yes	
Risks noted to stream function, refer to category: Other Details	
Actions determined by Monitoring: No Action Needed	
Inspection Action Comments:	
Additional Comments:	



### Attachments:

7001\_NOJurisMultipleCulvert.pdf

Hydraulic Project Approval.pdf

US\_101\_Steamboat\_Creek\_\_FHD\_Update\_June2018\_Reviewed\_Final\_withAppendices.pdf

US101 Steamboat LWM Augmentation Concept v3.pdf